	Range of Water Use	Range of Water Use	
Fixture/End Use	(gal/room)	(gal/person)	
Toilet	2.9 - 3.2	206 - 271	
Urinal	1.2 - 2.6	106 - 186	
Faucet	1.0 - 2.3	87 - 165	
Shower	0.5 - 0.7	44 - 47	
Kitchen	0.7 - 1.0	58 - 58	
Misc. uses (2)	0.9	68	
Cooling	-	-	
Leaks	1.6 - 3.6	112	
Swimming Pool	0.4 - 0.9	31	
Total Use	11.1 - 12.3	883	
Average		Logged average	Indoor peak instantaneous
Building Size (SF)		daily use (thousand gal)	demand (gpm)
222326		9.1 - 16.4	41 - 60
Benchmarking Values for Schools (3) N		N 25th Percentile of Users	
Indoor Use, Gal./sq. ft./year 142		42 8 - 16	
Indoor Use, Gal./school day/student 14		41 3 - 15	
Cooling Use, Gal./sq. ft./year 35		35 8 - 20	

use and other variables, billing data, and interviews with building managers. 2) One high school. 3) The study derived efficiency

benchmarks by analyzing measured data and audit data. The benchmark was set at the lower 25th percentile of users.

Source(s): American Water Works Association Research Foundation, Commercial and Institutional End Uses of Water, DeOreo, William et. al., 2000.